

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

-	88	(register adj file) with ((program address) adj space)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 15:48
-	5548	coprocessor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 15:48
-	187	output adj (((program address) adj space) (code near3 region))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 16:03
-	160	coprocessor adj bus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 16:03
-	579	coprocessor near3 bus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 16:03
-	197	(coprocessor near3 bus) and (((program address) adj space) or (code near3 region))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/15 16:52
-	131	712/29.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/16 13:10
-	83	712/29.ccls. and register	USPAT; US-PGPUB	2004/07/16 09:20
-	2	5440689.uref.	USPAT; US-PGPUB	2004/07/16 09:28
-	31	4896265.uref.	USPAT; US-PGPUB	2004/07/16 09:58
-	82	4547849.uref.	USPAT; US-PGPUB	2004/07/16 10:26
-	0	6434689.uref.	USPAT; US-PGPUB	2004/07/16 10:26
-	2	5822606.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/16 13:10
-	18	("4547849" "4894768" "4979102" "5021991" "5119499" "5125095" "5185872" "5304860" "5507000" "5524251" "5603047" "5713039" "5752071" "5909565" "5923893" "5983338" "6003124" "6061711").PN.	USPAT	2004/07/16 13:20
-	6	("4396979" "4777594" "4872131" "5072418" "5204828" "5272660").PN.	USPAT	2004/07/16 13:34
-	1309110	output\$4 transmit\$4	USPAT	2004/07/21 13:30
-	294367	register\$2	USPAT	2004/07/21 13:30
-	21271	(output\$4 transmit\$4) adj register\$2	USPAT	2004/07/21 13:31
-	34	((output\$4 transmit\$4) adj register\$2) with coprocessor	USPAT	2004/07/21 13:57
-	3	5909565.uref.	USPAT	2004/07/21 13:57
-	916	broadcast\$4 near2 register\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/22 11:06

-	244	(broadcast\$4 near2 register\$2).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/22 11:06
-	1808	processor near5 coprocessor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 09:18
-	21189	(send\$4 transmit\$4) near2 register\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 09:19
-	21189	((send\$4 transmit\$4) near2 register\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 09:19
-	0	((send\$4 transmit\$4) near2 register\$2)) with (processor near5 coprocessor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 09:19
-	3	(processor near5 coprocessor) same (((send\$4 transmit\$4) near2 register\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 09:21
-	6	(processor near5 coprocessor) with (write adj2 (operation transaction instruction))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:09
-	164	(processor near5 coprocessor) with (register)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 10:10
-	28	((processor near5 coprocessor) with instruction\$2) with (share\$2 common)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 10:11
-	335	(processor near5 coprocessor) with instruction\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 10:15
-	28	(US-5978937-\$ or US-4897779-\$ or US-6085307-\$ or US-6108766-\$ or US-5960212-\$ or US-5890010-\$ or US-5801719-\$ or US-5687325-\$ or US-5708830-\$ or US-5590350-\$ or US-5600847-\$ or US-5029073-\$ or US-5109333-\$ or US-4894768-\$ or US-5537560-\$ or US-5301340-\$ or US-4866664-\$ or US-4547849-\$ or US-5440689-\$ or US-5499363-\$ or US-5193204-\$ or US-4729094-\$ or US-6256724-\$ or US-6092179-\$).did. or (US-20020165896-\$).did. or (EP-757316-\$).did. or (JP-08235137-\$).did. or (EP-297265-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/29 12:44

-	27	((US-5978937-\$ or US-4897779-\$ or US-6085307-\$ or US-6108766-\$ or US-5960212-\$ or US-5890010-\$ or US-5801719-\$ or US-5687325-\$ or US-5708830-\$ or US-5590350-\$ or US-5600847-\$ or US-5029073-\$ or US-5109333-\$ or US-4894768-\$ or US-5537560-\$ or US-5301340-\$ or US-4866664-\$ or US-4547849-\$ or US-5440689-\$ or US-5499363-\$ or US-5193204-\$ or US-4729094-\$ or US-6256724-\$ or US-6092179-\$).did. or (US-20020165896-\$).did. or (EP-757316-\$).did. or (JP-08235137-\$).did. or (EP-297265-\$).did.) and register	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 14:56
-	31	debug\$5 near3 coprocessor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 14:56
-	150	broadcast adj region	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:11
-	10447	712/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:12
-	1	(broadcast adj region) and 712/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:12
-	142	register adj (broadcast\$4 snoop\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:27
-	106	register adj (broadcast\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:46
-	2691977	program code	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:46
-	282983	execution	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:46
-	83531	(program code) with execution	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:47
-	329	((program code) with execution) with broadcast\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/29 16:48
-	137	machine adj check adj interrupt	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/30 09:13

-	14229	program adj counter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/30 09:13
-	0	(machine adj check adj interrupt) with (program adj counter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/30 09:13
-	0	(machine adj check adj interrupt) same (program adj counter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/07/30 09:13
-	33	(machine adj check adj interrupt) and (program adj counter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 14:00
-	3	(machine adj check adj interrupt) and (program adj counter)and (multiprocessor\$2 coprocessor\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 14:17
-	30186	coprocessor\$2 multiprocessor\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 14:17
-	165283	broadcast\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 14:17
-	49	(coprocessor\$2 multiprocessor\$2) near3 broadcast\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 14:18
-	100	(coprocessor\$2 multiprocessor\$2) near5 broadcast\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 14:20
-	120	4412285.uref.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 15:31
-	140	directory adj protocol	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 15:32
-	0	(directory adj protocol) near5 (register)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 15:32
-	0	(directory adj protocol) near5 (register\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/02 15:32
-	5	644882.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/16 13:53

-	6	644889.ap.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/08/16 13:53
-	1	5117350.pn.		2004/08/16 16:13